

HI-FI SYSTEMS

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SONY

SONY

MINI HI-FI SYSTEMS

Sony hi-fi systems now offer more than ever before. Sound quality to impress the audiophile and superb styling to win approval in any design-conscious living space. Because even if the main objective of a hi-fi system is to sound great, Sony's engineers believe it must also be a joy to use and a pleasure to look at. That's also why Sony offers a complete choice, both with stunning new Mini Hi-Fi systems, as well as the now-legendary Compact Hi-Fi range. Separate components that offer a choice of stacking configurations on the shelf, as well as electronic isolation for improved audio performance. Of course, groundbreaking technology also plays its part. Only from Sony will you find the ultimate in Compact Disc listening convenience, the remarkable "5 Disc Multiplay System", guaranteeing up to six hours of seamless audio enjoyment, with full programmability and remote operation. Added to which, "MiniDisc" - the tapeless future of portable recording and playback - has a new home within a Sony hi-fi system for the first time. Whatever your listening and design criteria may be, you can be confident that there is a Sony system just for you.





"MiniDisc" is the future of personal listening. It's smaller and more durable than a cassette, it's digital, it's recordable and it's a disc. Invented by Sony for a new generation of music lovers who demand the unique benefits of optical disc technology, "MiniDisc" offers instant access between tracks and complete freedom from the age-old iniquities of tape. Small wonder then, that "MiniDisc" has the full support of the world's leading manufacturers. At the same time, major record companies are releasing fresh music titles on this exciting new format every week. Yes, with "MiniDisc", Compact Disc is at last complemented by a tapeless recording partner.

MHC 3800CD (Shown with MDS 101"MiniDisc" Recorder.)

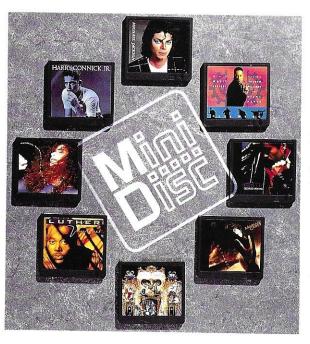
MDR CD350

- Hi-fi style
- Soft adjustable headband
- Digital
- Powerful neodymium magnet
- 30mm driver unit with CCAW
- Frequency response 20-20,000Hz
- Sensitivity I00dB/mW
- Impedance 24 ohms
- 3m OFC Litz cord
- Gold plated stereo unimatch plug
- Weight approx 190g (excl cord)



"MINIDISC"

Designed as the future of portable music enjoyment, "MiniDisc" is the new tapeless alternative to the cassette tape technology of old. Now, thanks to the Sony MDS-101 recorder, "MiniDisc" has been styled to function within a hi-fi system for the very first time. As such, magneto-optical (MO) recordings of the highest quality can be made at home using the MDS-101 deck, before they are enjoyed on the street or in the car using a selection of Sony "MD Walkman" and "MiniDisc" in-car entertainment systems. MO discs are available in a choice of recording lengths, up to a maximum of 74 minutes - the same maximum length prescribed for Compact Disc. Importantly, "MiniDisc" offers record-erase convenience, and up to one million recordings can be made on the same disc without any loss of digital quality.



SOFTWARE MUSIC

"MiniDisc" has been conceived to inspire a new generation of music lovers. The format has attracted the interest of many more as a new way of buying pre-recorded music. By the end of 1993, it is estimated that as many as 1500 different music titles will be available on "MiniDisc" from most of the world's leading record labels. As well as offering great digital sound and instant access between tracks, these discs automatically provide text information. This means that the artist's name, the album title and individual track names can be displayed on the LCD screen featured on the MDS-101 and other portable MD models.





MDS 101

- MHC size MD recorder
- Up to 74 minutes' digital record/replay
- Title display function
- TOC edit (erase/combine/divide)
- Memory start function
- Date function
- Programme/repeat/shuffle play
- Optical digital in/out
- Line in/out
- Microphone input
- Full remote control



S a tiny optical disc in a protective cartridge

stereo digital audio, approaching CD quality

S recordable and rerecordable, offering up to 74 minutes of continuous music

S supported by the world's leading manufacturers and a growing list of music titles

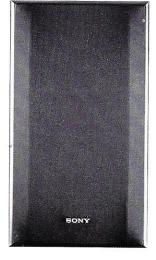
S shock resistant, for nonstop music on the move

random access, reach your favourite track in less than a second

S the key to a tapeless future



MINI HI-FI SYSTEMS









MHC 3800CD A

The MHC 3800CD proves that serious hi-fi can arnessed successfully within an exquisitely nall system. Separate components offering enough power to fill a large living room, yet complemented by new speaker technology designed especially to suit the discerning ears of British audiophiles. All backed by full system remote control and a host of features, including new DSP (Digital Signal Processing) electronics, Surround Sound and the latest innovations in I-Bit Pulse CD design.

- 50W x 2 output power (DIN)
- 7 band electronic graphic equalizer with 15 band spectrum analyser
- DBS bass boost control
- Digital signal processor
- Surround sound out
- Mix mic in and vocal reduction
- 3 band digital tuner with 40 presets and timer
- Pulse D/A converter and edit
- Double reverse cassette deck, with Dolby B and C
- 2 way speaker system with dome tweeter







MHC 2800CD

Small, but perfectly formed, the MHC 2800CD is another example of Sony Mini Hi-Fi technology in action. Since it is made up from 2 separate components, the MHC 2800CD can be configured horizontally on a slimline shelf as well as stacked vertically, thus meeting the precise design requirements of any interior. The sound can be tailored too, thanks to a 7-band electronic equaliser, with a choice of 36 different presets. All supported by full system remote control and substantial sound level reserves.

- 40W x 2 output power (DIN)
- 2 separate components
- 7 band electronic equalizer with 6 x 6 presets
- 7 band spectrum analyser
- Surround sound
- Mix mic input and vocal reduction
- 3 band digital tuner with 40 presets and timer
- I bit D/A converter
- Double auto reverse cassette deck with Dolby B and C
- 3 way speaker system

MINI HI-FI.

Blessed with the remarkable Sony 5 Disc Multiplayer, the MHC 2750CD brings a new era of laid-back convenience to music enjoyment in the living room or the bedroom. The benefits of automation are also brought to bear on cassette operation, by a double autoreverse deck. The system's suitability in the bedroom is underlined by a digital timer that offers two wake-up time settings as well as unattended recording from radio.









THE SONY 5 DISC SYSTEM -A MILESTONE IN AUTO-CHANGING TECHNOLOGY

Auto-changing music from different Compact Discs has always been a more elegant operation than the "low-fi" vinyl LP changing systems of yesteryear. Yet, until recently, auto-changing multiple CD selections has only proved possible either by using a full-width tray system, or a special cartridge that has to be taken out of the player each time new discs are added.

Sony has initiated a bold, new approach to automatic music listening on Compact Disc - the 5 Disc Multiplayer. The Sony system is highly innovative and very simple. There is no fiddly cartridge to take out and re-configure, just a simple tray system - the width of a CD. At the touch of a button - each tray pops out conveniently and sequentially for loading. You can programme a random music selection by pressing just one button, with each track taken off different discs until all five have been played right through - providing up to seven hours of continuous music. Alternatively, you can programme your own sequence of up to 32 tracks from all five discs. Most importantly, and thanks to the patented Sony "LIFT" system, operation is at lightning speed, with access times between each selection of just one second.

Ultra-reliable in operation, the Sony 5 Disc Multiplayer is also intelligent: once a disc has been preprogrammed into the player's memory by the user, it can recognise up to 184 different titles, revealing the name of each as an LCD display. Not only that, it will automatically change the equalisation and surround sound settings of each disc to any you may have pre-programmed.

■ MHC 2750CD

- 35W x 2 output power (DIN)
- I bit 5 disc CD player
- 5 disc direct access
- Disc memo and sound field file
- Disc check
- 32 programme play
- Multidisc program play
- Multidisc repeat and shuffle
- Electronic graphic equaliser with 6 + 4 presets
- Surround sound terminal
- Display off
- DAT and phono function
- Double auto reverse cassette deck
- Dolby B
- AMS
- High speed dubbing
- CD synchro recording
- 3 band tuner with 40 presets
- Digital timer (2 wake-up/rec)
- 3 way speaker system



MDR CD450



- Wide, soft adjustable headband
- Digital
- 30mm driver unit with CCAW
- Powerful neodymium magnet
- Frequency response 20-20,000Hz
- Sensitivity 100dB/mW
- Impedance 24 ohms
- 3m OFC Litz cord
- Gold plated stereo unimatch plug
- Weight approx 260g (excl cord)



MINI HI-FI

Mini Hi-Fi system with
your video or TV.
Frequently supported
by fully remote
operation, several Sony
Mini Hi-Fi systems are
equipped with
Surround Sound or
S-Surround Sound
capabilities, ensuring
that they can bring a
new dimension to
films, sports and other
programmes you might
wish to enjoy at home.

MHC

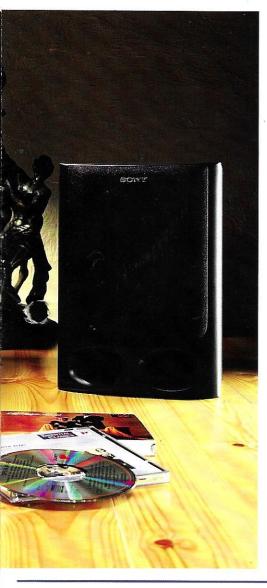
Sony first initiated the MHC concept for individuals who found the substantial bulk of a full size rack of hi-fi components unnecessarily obtrusive in their chosen living space. At the same time, thanks to NICAM television broadcasts and the widespread use of hi-fi video cassette recorders, the role that hi-fi is now playing in home entertainment continues to grow.





Packing a big punch from its limited proportions, the MHC 710CD combines user friendly features with a 40 watt per channel amplifier and DBFB (Dynamic Bass Feedback) with a powerful spread of music playback hardware. Alongside a high peformance CD player is a double-deck cassette component featuring twin auto-reverse tape transports and Dolby B noise reduction. The whole system - and all its many functions - can be controlled by the remote commander.

- CD mini hi-fi component with full system remote control
- 40W x 2 output power (DIN)
- 7 band electronic graphic equaliser with 8 presets
- 13 band spectrum analyser
- S-surround sound and DBFB
- 3 band digital tuner with 40 presets and timer
- I bit D/A converter and edit
- Feather touch double reverse cassette deck with Dolby B
- CD synchro record with fade
- High speed dubbing
- 3 way speaker system with 14cm woofer
- Detachable grill net



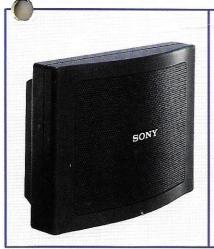


MHC 510CD

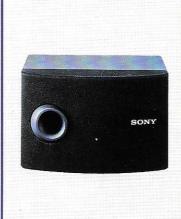
Stylish and eminently transportable when the need arises, the MHC 510CD brings total control to the palm of your hand. But, as well as a powerful remote commander, this system offers a high performance I Bit CD player and a double cassette deck with high-speed dubbing. And for those who need a little help in the mornings, it can be programmed to wake you with your own music or broadcast radio selection.

- CD mini hi-fi component with full system remote control
- 25W x 2 output power (DIN)
- Full system remote control
- 5 band graphic equaliser
- S-surround sound and DBFB
- 3 band digital tuner with 40 presets
- Timer
- I bit D/A converter and edit
- 20 music calendar
- Feather touch double cassette deck with Dolby B
- High speed dubbing and CD synchro start
- 3 way speaker with detachable net

SURROUND SOUND SPEAKERS







SS J90AV

- Magnetically shielded
- Round baffle for high quality sound
- Full range
- 16 ohm impedance
- Dimension 185 x 120 x 150mm (W x H x D)
- Weight 1.3kg
- Speaker cord terminal

SS V77

- 16 ohm impedance
- 90 DB/W sensitivity
- 120-20KHz frequency range
- Full range
- Dimension 185 x 135 x 85mm (W x H x D)

SA W90

- SAW (super acoustically loaded woofer) system
- Memory function (volume and turnover function)
- Supplied remote commander
- 70W
- Turnover 50~/50Hz continuous
- Phase (normal/reverse)
- Auto switch
- Dimension 220 x 485 x 510mm (W x H x D)

SURROUND SOUND

While Surround Sound can bring a concert hall dimension to your music collection, it can be used to create an exciting cinematic experience in your home. If your television set or video recorder can process NICAM sound, or you own a hi-fi VCR, it makes real sense to make the most of this opportunity by linking them to your hi-fi, especially if it offers Surround Sound capabilities. All that is required is a second set of speakers, positioned to the rear of the listener/viewer. For additional bass frequency response - ideal for enhancing dramatic special effects in feature films - an active sub-woofer can be located unobtrusively behind a sofa or chair.

COMPACT HI-FI SYSTEMS _

Compact Hi-Fi was initially designed by Sony to provide the demanding listener with a high level of performance from a wide selection of music formats - including the vinyl LP and the analogue compact cassette. Now, as the progress of digital audio marches on and the allied worlds of video and audio collide, that early objective has been painstakingly extended to encompass the proadest possible range of video-based sources as well

There are eight different Sony Compact Hi-Fi systems to choose from, all of which feature high performance CD players and doubledeck cassette systems, while seven boast varying degrees of remote control operation. Systems made up from separate components as well as others ready-configured for operational convenience and simple installation. Sony, the company that popularised the "midi" size for millions, is going even further to confirm the dynamic part that Compact Hi-Fi continues to play in the future of home entertainment.







COMPACT 759CD

Bristling with a dazzling array of features, but delivering superb audio at low as well as high sound levels, the Compact 759CD is that most rare of hi-fi systems - a technology showcase and an audiophile's dream. Made up from separate components for optimum audio performance, the system features a 5 Disc Multi-Play CD player and a Dolby Pro-Logic processor to make the most of video-based inputs. The hi-fi status of this remarkable configuration is underlined by a three-way loudspeaker system featuring twin woofers to deliver superb bass frequency handling.

- Dolby prologic compact system with
 3 band digital tuner with station 5 disc multiplay CD
- 80W x 2 output power (DIN)
- New remote control with power on and off
- Digital sound processor with Dolby prologic
- Digital surround control
- DBS bass boost

- name
- Pulse D/A converter
- Double auto reverse cassette deck with Dolby B/C
- Dolby H X-pro and CD synchro rec
- 3 way speaker system with twin woofer. Full automatic turntable



As we head towards a new century, the choice of home entertainment sources on offer will become increasingly diverse. When linked to a Sony hi-fi system, the results can indeed be breathtaking. This is a crucial issue, because the impact of NICAM stereo broadcasts, Laserdisc, VHS-Hi-Fi, "Hi-8", "MiniDisc", Compact Disc - and the rest - count for nought if the audio equipment used to play them back is not conceived to do so. To be truly successful, a system must be geared to accommodate the growing range of options available and to exploit the full wealth of quality they can

deliver.

Meanwhile, it follows that all elements in the home entertainment chain should be optimised to deliver the best results possible. There is no surer way of achieving this than to select a Sony component to provide each link in that chain. Satellite systems, "Trinitron" televisions with NICAM receivers, VHS-hi-fi cassette recorders, multistandard Laserdisc players, audiophile headphones and a choice of Surround Sound loudspeakers all are available with the Sony performance hallmark. If your goal is the ultimate multimedia, audio-visual home entertainment system, look no further.

5 DISC (2345)

MDR CD750

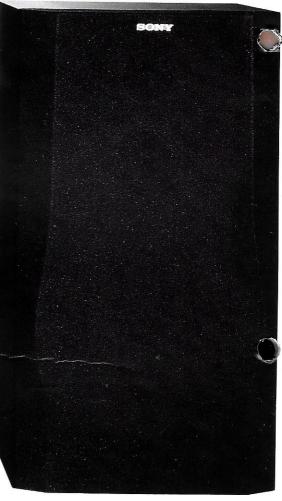
- Hi-fi style
- Free adjustable headband
- Digital
- Powerful neodymium magnet
- 40mm driver unit
- Frequency response 20-20,000Hz
- Sensitivity 100dB/mW
- Impedance 45 ohms
- Single sided 3m OFC Litz cord for high quality sound
- Gold plated stereo unimatch plug
- Weight approx 290g (excl cord)



COMPACT HI-FI SYSTEMS_

Sony Compact Hi-Fi means choice. You can select a system made up from separate components or a readyconfigured stack. Either way, you can be sure of value and quality as well as top level audio performance.









COMPACT 559CD

Made up from separate components, the stunning Compact 559CD boasts a 5 Disc Multiplay CD system and a remote commander offering power on and off control. Audio quality is high: the double auto-reverse cassette deck is supported by Dolby C noise reduction as well as Dolby B while the three-way speaker system is superbly designed and finished. But to really put the Compact 559CD to the test, link it to your television or video and bring more out of both than you thought possible, with variable Surround Sound.

- 5 disc multiplay CD compact system with remote control
- 50W x 2 output power (DIN)
- Remote control with power on and off
- Fully separate component system graphic equaliser
- graphic equaliser
- 7 band electronic
- Variable surround sound control
- 3 band digital tuner with station name memory and timer
- Pulse D/A converter
- 20 music calendar
- Double auto reverse cassette deck with Dolby B and C
- 3 way speaker system
- Separate component system
- Semi automatic turntable

Remote control unit may vary slightly from shown.

Selected Compact Hi-Fi
Systems feature Surround
Sound controls. With the
addition of rear-mounted
speakers, Surround
Sound can bring the
concert hall ambience to
music and the thrill of the
cinema to feature films all in your own
living room.







COMPACT 359CD

Delivering a hefty 50 watts RMS, and featuring DBS bass frequency extension, the Compact 359CD packs enough punch to fill most living rooms, yet does so with a delicacy and precision that's difficult to believe. At the heart of the system is a 5 Disc Multiplay CD player and a high performance digital tuner offering 30 pre-sets including station name displays. All operating under complete remote control.

- 5 disc multiplay CD compact system with remote control
- 50W x 2 output power (DIN)Full remote control with power
- on and off

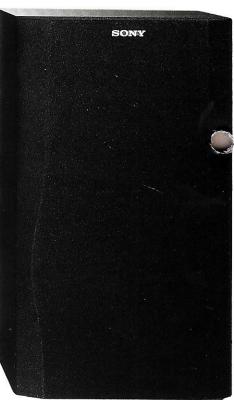
 DBS bass boost
- 7 band electrical GEQ
- 3 band digital tuner with random 30 presets and station name
- Digital timer
- 20 music calendar
- Double auto reverse with Dolby B
- High speed dubbing
- 3 way speaker system
- Semi automatic turntable





COMPACT HI-FI SYSTEMS ___









COMPACT 259CD

With its elegant marbled finish, the Compact 259CD ushers in a new deconcept in Compact Hi-Fi. Once again, it employs a 5 Disc Multiplay CD system to provide up to seven hours of continuous music enjoyment, with access times between different tracks on different discs of just one second. Remote control is comprehensive, spanning all major system functions as well as power on/off. A substantial 30 watts RMS from the integrated amplifier and 10 band graphic equaliser is also your passport to high performance audio at substantial sound levels.

- 5 disc multiplay CD compact system with full remote control
- 30W x 2 output power (DIN)
- Full remote control with power on and off
- DBFB bass boost
- 10 band graphic equaliser
- 3 band digital tuner with random 30 presets
- Pulse D/A converter
- 20 music calendar
- Double auto reverse cassette deck with "Dolby B"
- High speed dubbing
- 3 way speaker system
- Semi automatic turntable



MDR CD550 • Hi-fi style

- Wide, soft adjustable
 - headband
 - Digital
- Powerful neodymium
- magnet
- 40mm driver unit (ceramic
 - composite housing)
 - Sensitivity 100dB/mW ● Impedance 45 ohms
- 3m OFC Litz cord for high
 - quality sound
 - Gold plated stereo
- unimatch plug
- Weight approx 270g (excl cord)



COMPACT 159CD

Sporting the same marbled finish and 5 Disc Multiplay CD system as the 259CD, the Compact 159CD features a 10 band graphic equaliser and system remote control. Importantly, this system has the additional benefit of Surround Sound control, rendering the home concert hall experience more affordable than ever before.

- 5 disc multiplay CD compact system with remote control
- 25W x 2 output power (DIN)
- 10 band graphic equaliser
- DBFB bass boost
- Surround sound control
- 3 band digital tuner with random 30 presets
- Auto tuning
- Pulse D/A converter and 20 music calendar
- Double cassette deck with "Dolby B"
- High speed dubbing
- Two way speaker system
- Semi automatic turntable









COMPACT HI-FI SYSTEMS _____





COMPACT 209CD

Compact Hi-Fi with Full System Remote Control and 10 Band Graphic Equaliser

- Compact CD system with full remote control
- 30W x 2 output power (DIN)
- Full remote control with power on and off
- DBFB bass boost
- 10 band graphic equaliser
- 3 band digital tuner with random 30 presets
- Auto tuning
- Pulse D/A converter
- 20 music calender and 12 direct key
- Double auto reverse cassette deck with Dolby B
- High speed dubbing
- 3 way speaker system
- Semi automatic turntable

COMPACT 108CD

Compact Hi-Fi CD Player

- 3 Band Graphic Equaliser
- I2W x 2 output power (MPO)
- 3 band graphic equaliser
- DBFB bass boost
- 3 band digital tuner
- Random 30 presets
- Double cassette deck with Dolby B
- I bit D/A converter
- Two way speaker system
- Semi automatic turntable









COMPACT 109CD

Compact Hi-Fi with I Bit CD Player and 5 Band Graphic Equaliser

- Compact CD system with remote control
- 25W x 2 output power (DIN)
- 5 band graphic equaliser
- DBFB bass boost
- Surround sound control
- 3 band digital tuner with random 30 presets
- Auto tuning
- I bit D/A converter
- 20 music calendar
- Double cassette deck with Dolby B
- High speed dubbing
- Two way speaker system
- Semi automatic turntable





		FEATURES	COMPACT 108C	COMPACT 109C	COMPACT 209CI	COMPACT 159C	COMPACT 259CE	COMPACT 359CD	COMPACT 559CD
		POWER OUTPUT (6Ω)							COTH ACT 337CD
		DIN (THD 0.7%, IKHz)		25W	30W	25W	30W	50VV	50W
		(THD 5%, IKHz) (Music Power, IKHz)	12W	28W 50W	35W	28W	35W	60W	60W
		REAR OUTPUT (16Ω, 1KHz)	1244	3044	60W	50W	60W	90W	90W
	S	REMOTE CONTROL		•(SEMI)		•(SEMI)			
	AMPLIFIERS	FUNCTION	TUNER/TAPE		TUNER/TAPE	CD/TUNER	CD/TUNER	CD/TUNER	CD/TUNER
			CD/PHONO	CD/PHONO	CD/PHONO	TAPE/PHONO	TAPE/PHONO	TAPE/PHONO	TAPE/PHONO
		SURROUND SOUND		•	VIDEO	VIDEO	VIDEO	VIDEO	VIDEO
		BASS BOOST	DBFB	DBFB	DBFB	DBFB	DBFB	DSB	DCD
		MICROPHONE INPUT	Duib	Daib	Doil	DBIB	DDFB	Dap	DSB
	3	KARAOKE VOCAL REDUCTION							
	₹4	HEADPHONE SOCKET	•	•	0	•	•	•	•
		BALANCE VOLUME			0	•	•	•	•
		EQ RECORDING						•	•
6.03		PROGRAM FUNCTION REMOTE ON/OFF							•
	S	GRAPHIC EQUALISER	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL		FLECTRONIC	FIECTROLUG
	a B	BAND	3 BAND	5 BAND	5 x 2 BAND	5 x 2 BAND	MECHANICAL 5 x 2 BAND	7 BAND	FLECTRONIC 7 BAND
4000	GRAPHICS	SPECTRUM ANALYSER		3 5/1115	JAZBAND	JAZDAND	J X Z BAND	7 BAND	12 BAND
	Æ	SURROUND SOUND CONTROL		•	•		•	•	12 5/110
	9	PRESET MEMORY						•(5+5)	•(5+5)
	500	SYNTHESISED TUNING	•	•	•	•	•	•	•
	TUNERS	PRESETS PRESETS	FM/MW/LW	FM/MW/LW	FM/MW/LW	FM/MW/LW	FM/MW/LW	FM/MW/LW	FM/MW/LW
	Z	STATION NAME MEMO	RANDOM 30	RANDOM 30	RANDOM 30	RANDOM 30	RANDOM 30	RANDOM 30	RANDOM 30
	12	AUTO TUNING	•		•				
		TIMER						•	
		OPERATION	MECHANICAL	MECHANICAL	LOGIC	MECHANICAL	LOGIC	LOGIC	LOGIC
S		DOUBLE AUTO REVERSE			•		•	•	•
SYSTEMS		DOLBY NOISE REDUCTION	В	В	В	В	В	В	B/C
=	ודו	DOLBY HX PRO							
	CASSETTE	ARL (AUTOMATIC RECORD LEVEL) RECORD LEVEL METER							•
>		TAPE COUNTER							•
	S	HIGH SPEED DUBBING		•					•
62	3	AMS							
111-111		RELAY PLAY	•	•	•	•	•	•	•
810		CONTINUOUS PLAY			•		•	•	
E		TAPE SELECTOR – CD SYNCHRO RECORDING	MANUAL I, II	MANUAL I, II	AUTO I, II	MANUAL I, II	AUTO I, II	AUTO I, II	AUTO I, II, IV
9		AUTOMATIC OPERATION	•(SEMI)	e/CEMI)	• (CENAL)	- (OFF 41)		•	•
OMPACT	TURNTABLE		(3EI'II)	•(SEMI)	•(SEMI)	•(SEMI)	•(SEMI)	•(SEMI)	•(SEMI)
=	TOTE(TIME	CARTRIDGE TYPE	MM	MM	MM	MM	MM	MM	MM
5	E	COMPACT DISC PLAYER (I OR 5)	I DISC	I DISC	I DISC	5 DISC	5 DISC	5 DISC	5 DISC
S S	PLAYER	I BIT DA CONVERTOR	•	•	•PULSE	•PULSE	•PULSE	•PULSE	•PULSE
		DIGITAL FILTER		•	45 BIT NS				
	COMPACT DISC	DIRECT TRACK SELECT KEYS MUSIC CALENDAR	- (00)	•(RM)	•(12)	•(RM)	•(RM)	•(RM)	•(RM)
	TI	PEAK SEARCH	•(20)	•(20)	•(20)	•(20)	•(20)	•(20)	•(20)
	PAC	TIME EDIT/FADE	•(EDIT)	•		•			•
		MANUAL FADER	(2011)		•			•	
	ರ	PROGRAM	•(24)	•(24)	•(24)	•(24)	•(24)	•(24)	•(24)
	6	MODEL NAME	SS-A109	SS-A109	SS-A209E	SS-A109	SS-A209E	SS-A509E	SSA509E
	SPEAKERS	SYSTEM	2 WAY	2 WAY	3 WAY	2 WAY	3 WAY	3 WAY	3 WAY
		WOOFER MID RANGE	160MM	160MM	160MM	I60MM	160MM	160MM	I60MM
	EA	TWEETER	65MM	/FMM	65MM	- 451414	65MM	65MM	65MM
	SP	MAX POWER HANDLING (MUSIC)	60W	65MM 60W	16MM 60W	65MM 60W	16MM	50MM	50MM
		DETACHABLE NET		3011	3017	0017	60W	100W	100W
100	TECHNICAL SPECIFICATIONS	INPUTS LEVEL/IMPEDANCE:							-
		PHONO VIDEO	3mV/47KΩ	3mV/47KΩ	3mV/47KΩ	3mV/47KΩ	3mV/47KΩ	3mV/47KΩ	3mV/47KΩ
	2	OUTPUT LEVEL/IMPEDANCE:							300mV/47KΩ
	A1	HEADPHONES	>8Ω	>8Ω	>8Ω	>8Ω	>8Ω	>8Ω	>8Ω
	310	SPEAKERS (FRONT) VIDEO	6-16Ω	6-16Ω	6-16Ω	6-16Ω	6-16Ω	6-16Ω	6-16Ω
	8	CASSETTE DECK FREQUENCY RESPONSE:				40Hz-13kHz±3dB 40Hz-14kHz±3dB			40Hz-14kHz±3dB 40Hz-14kHz±3dB 30Hz-15kHz±3dB
	E	(Dolby Off) TYPE I	40Hz-13kHz±3dB	40Hz-13kHz±3dB 40Hz-14kHz±3dB					
	S	(Dolby Off) TYPE II (Dolby Off) TYPE IV	40Hz-14kHz±3dB						
	A	OVERALL DIMENSIONS (W x H x Dmm):							
	2	SYSTEM SPEAKER		355 x 481 x 345 220 x 375 x 195	355 x 555 x 330 230 x 400 x 200	355 x 555 x 386 220 x 375 x 195	355 x 555 x 385 230 x 400 x 200	355 x 555 x 385 260 x 470 x 220	355 x 580 x 385 260 x 470 x 220
		OVERALL WEIGHT (kg):							
	S	SYSTEM	9.8	10.9	13.3	14.2	15.1	15.6	20.3
		SPEAKER COMMANDER NAME	3.1	3.1	3.4	3.1	3.4	5.2	5.2
		COLITIVADEL MALIE		RM-S109	RM-S271	RM-S109	RM-S271	RM-S309	RM-S509

OMPACT 759CD				FEATURES	MHC510CD	MHC710CD	MHC2750CD	MHC-2800CD	MHC-3800CD
80W				POWER OUTPUT (6Ω)					
90W				DIN (THD 0.7%, IKHz)	25W	40VV	35W	40W	50W
140W				(THD 5%, IKHz) (Music Power, IKHz)	30W	45W	40W	43W	65W
15W		Sec. 10		REAR OUTPUT (16Ω, 1KHz)					
•			S	REMOTE CONTROL					
D/TUNER				FUNCTION	CD/TUNER	CD/TUNER	CD/TUNER	and the second	CD/TILINIED
PE/PHONO				Tokenok	TAPE/PHONO	TAPE/PHONO	TAPE/PHONO	CD/TUNER TAPE/PHONO	CD/TUNER TAPE/PHONO
DEO 1/2/3			臣				VIDEO	DAT(MD)	DAT(MD)
•				SURROUND SOUND	•(S-SUR)	•(S-SUR)	•	•	•
BS .			2	BASS BOOST	DBFB	DBFB	DBFB	DSB	DSB
			₹	MICROPHONE INPUT				•	•
			AMPLIFIERS	KARAOKE VOCAL REDUCTION				•	
			7	HEADPHONE SOCKET	•	•	•	•	•
				BALANCE VOLUME					
				EQ RECORDING			•	•	•
				PROGRAM FUNCTION					
TDIC				REMOTE ON/OFF	•	•	•	•	•
TRIC			S	GRAPHIC EQUALISER	MECHANICAL	ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC
			GRAPHICS	BAND	5 BAND	7 BAND	7 BAND	7 BAND	7 BAND
ID AL				SPECTRUM ANALYSER		13 BAND		7 BAND	15 BAND
0)			2	SURROUND SOUND CONTROL				•	
10)			9	PRESET MEMORY		5+3	6+4	6 x 6+5	6+6
//LW				SYNTHESISED TUNING	•	•	•	•	•
M 30			2	BAND	FM/MW/LW	FM/MW/LW	FM/MW/LW	FM/MW/LW	FM/MW/LW
. 1 30			H	PRESETS	40	40	40	40	40
			TUNERS	STATION NAME MEMO					
			I	AUTO TUNING	•	•	•	•	•
C				TIMER	•			•	•
				OPERATION	LOGIC	LOGIC	LOGIC	LOGIC	LOGIC
				DOUBLE AUTO REVERSE		•	•	P/C	0
	=	(4)		DOLBY NOISE REDUCTION DOLBY HX PRO	В	В	В	B/C	B/C
		Z	les.	ARL (AUTOMATIC RECORD LEVEL)					7
		55		RECORD LEVEL METER					
		H	H	TAPE COUNTER					
		\$	CASSETTE	HIGH SPEED DUBBING	•	•	•		
		SYSTEMS	3	AMS	-			•	
				RELAY PLAY	•	•	•	•	• %
		HILE		CONTINUOUS PLAY		•	•	•	•
_		4		TAPE SELECTOR	AUTO I, II	AUTO I, II	AUTO I, II	AUTO I, II, IV	AUTO I, II, IV
		98		CD SYNCHRO RECORDING	•(START)	•(FADE)	•	•(FADE)	•(FADE)
				AUTOMATIC OPERATION				, ,	
		Z	TURNTABLE	BELT DRIVE				and the same of th	
-		MIN		CARTRIDGE TYPE			-		
E			YER	COMPACT DISC PLAYER (I OR 5)	I DISC	I DISC	5 DISC	I DISC	I DISC
=				I BIT DA CONVERTOR	I BIT	I BIT	I BIT	I BIT	PULSE
			F	DIGITAL FILTER	18 BIT	18 BIT	18 BIT	18 BIT	18 BIT
			COMPACT DISC PLA	DIRECT TRACK SELECT KEYS			•(RM)	•(RM)	•(RM)
			Ū	MUSIC CALENDAR	•(20)	•(20)	•(20)	•(20)	•(20)
			D	PEAK SEARCH					
			IP.	TIME EDIT/FADE	•	•	•	•	•
			Ó	MANUAL FADER	- 40.0	. (6.1)	46.47	(2.1)	
				PROGRAM MODEL NAME	•(24)	*(24)	°(24)	°(24)	•(24)
						SS-H71	SS-H2750	SS-H2800	SS-H380
			S		SS-H51		2 14/43/		
2			ERS	SYSTEM	3 WAY	3 WAY	3 WAY	3 WAY	2 WAY
),			KERS	SYSTEM WOOFER	3 WAY 130MM	3 WAY 140MM	I40MM	130MM	2 WAY 160MM
			EAKERS	SYSTEM WOOFER MID RANGE	3 WAY 130MM 50MM	3 WAY 140MM 50MM	I 40MM 60MM	130MM 60MM	160MM
			SPEAKERS	SYSTEM WOOFER MID RANGE TWEETER	3 WAY 130MM 50MM 20MM	3 WAY 140MM 50MM 20MM	140MM 60MM 20MM	130MM 60MM 20MM	160MM DOME
			SPEAKERS	SYSTEM WOOFER MID RANGE TWEETER MAX POWER HANDLING (MUSIC)	3 WAY 130MM 50MM	3 WAY 140MM 50MM	I 40MM 60MM	130MM 60MM 20MM 100VV	DOME 90W
			SPEAKERS	SYSTEM WOOFER MID RANGE TWEETER MAX POWER HANDLING (MUSIC) DETACHABLE NET	3 WAY 130MM 50MM 20MM	3 WAY 140MM 50MM 20MM 90W	140MM 60MM 20MM 70VV	130MM 60MM 20MM	160MM DOME
				SYSTEM WOOFER MID RANGE TWEETER MAX POWER HANDLING (MUSIC) DETACHABLE NET INPUTS LEVEL/IMPEDANCE: PHONO	3 WAY 130MM 50MM 20MM	3 WAY 140MM 50MM 20MM 90W	140MM 60MM 20MM 70W •	130MM 60MM 20MM 100VV	DOME 90W
				SYSTEM WOOFER MID RANGE TWEETER MAX POWER HANDLING (MUSIC) DETACHABLE NET INPUTS LEVEL/IMPEDANCE: PHONO VIDEO	3 WAY 130MM 50MM 20MM 60W	3 WAY 140MM 50MM 20MM 90W	140MM 60MM 20MM 70VV	130MM 60MM 20MM 100W	DOME 90W
				SYSTEM WOOFER MID RANGE TWEETER MAX POWER HANDLING (MUSIC) DETACHABLE NET INPUTS LEVEL/IMPEDANCE: PHONO VIDEO OUTPUT LEVEL/IMPEDANCE:	3 WAY 130MM 50MM 20MM 60W • 5mV/47KΩ	3 WAY 140MM 50MM 20MM 90W • 5mV/47KΩ	140MM 60MM 20MM 70W • 5mV/47KΩ 250mV/47KΩ	130MM 60MM 20MM 100W • 5mV/47KΩ 250mV/47KΩ	DOME 90W • 5mV/47KΩ 250mV/47KΩ
				SYSTEM WOOFER MID RANGE TWEETER MAX POWER HANDLING (MUSIC) DETACHABLE NET INPUTS LEVEL/IMPEDANCE: PHONO VIDEO OUTPUT LEVEL/IMPEDANCE: HEADPHONES	3 WAY 130MM 50MM 20MM 60W • 5mV/47KΩ	3 WAY 140MM 50MM 20MM 90W • 5mV/47KΩ	140MM 60MM 20MM 70W • 5mV/47KΩ 250mV/47KΩ	130MM 60MM 20MM 100W • 5mV/47KΩ 250mV/47KΩ	DOME 90W • 5mV/47KΩ 250mV/47KΩ >8Ω
				SYSTEM WOOFER MID RANGE TWEETER MAX POWER HANDLING (MUSIC) DETACHABLE NET INPUTS LEVEL/IMPEDANCE: PHONO VIDEO OUTPUT LEVEL/IMPEDANCE:	3 WAY 130MM 50MM 20MM 60W • 5mV/47KΩ	3 WAY 140MM 50MM 20MM 90W • 5mV/47KΩ	140MM 60MM 20MM 70W • 5mV/47KΩ 250mV/47KΩ	130MM 60MM 20MM 100VV • 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω	DOME 90W • 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω
				SYSTEM WOOFER MID RANGE TWEETER MAX POWER HANDLING (MUSIC) DETACHABLE NET INPUTS LEVEL/IMPEDANCE: PHONO VIDEO OUTPUT LEVEL/IMPEDANCE: HEADPHONES SPEAKERS (FRONT) VIDEO CASSETTE DECK FREQUENCY RESPONSE:	3 WAY 130MM 50MM 20MM 60W • 5mV/47KΩ >8Ω 6-16Ω	3 WAY 140MM 50MM 20MM 90W • 5mV/47KΩ	140MM 60MM 20MM 70W • 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω	130MM 60MM 20MM 100W • 5mV/47KΩ 250mV/47KΩ	DOME 90W • 5mV/47KΩ 250mV/47KΩ >8Ω
				SYSTEM WOOFER MID RANGE TWEETER MAX POWER HANDLING (MUSIC) DETACHABLE NET INPUTS LEVEL/IMPEDANCE: PHONO VIDEO OUTPUT LEVEL/IMPEDANCE: HEADPHONES SPEAKERS (FRONT) VIDEO CASSETTE DECK FREQUENCY RESPONSE: (Dolby Off) TYPE I	3 WAY 130MM 50MM 20MM 60W • 5mV/47KΩ >8Ω 6-16Ω	3 WAY 140MM 50MM 20MM 90W • 5mV/47KΩ >8Ω 6-16Ω	140MM 60MM 20MM 70W • 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/IKΩ 40Hz-13kHz±3dB	130MM 60MM 20MM 100W • 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/IKΩ 40Hz-13kHz±3dB	160MM DOME 90W 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/1KΩ 40Hz-13kHz±3dB
				SYSTEM WOOFER MID RANGE TWEETER MAX POWER HANDLING (MUSIC) DETACHABLE NET INPUTS LEVEL/IMPEDANCE: PHONO VIDEO OUTPUT LEVEL/IMPEDANCE: HEADPHONES SPEAKERS (FRONT) VIDEO CASSETTE DECK FREQUENCY RESPONSE: (Dolby Off) TYPE I	3 WAY 130MM 50MM 20MM 60W • 5mV/47KΩ >8Ω 6-16Ω	3 WAY 140MM 50MM 20MM 90W • 5mV/47KΩ >8Ω 6-16Ω	140MM 60MM 20MM 70W • 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/IKΩ	130MM 60MM 20MM 100W • 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/IKΩ 40Hz-13kHz±3dB 40Hz-14kHz±3dB	160MM DOME 90W 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/1KΩ
				SYSTEM WOOFER MID RANGE TWEETER MAX POWER HANDLING (MUSIC) DETACHABLE NET INPUTS LEVEL/IMPEDANCE: PHONO VIDEO OUTPUT LEVEL/IMPEDANCE: HEADPHONES SPEAKERS (FRONT) VIDEO CASSETTE DECK FREQUENCY RESPONSE: (Dolby Off) TYPE II (Dolby Off) TYPE II (Dolby Off) TYPE IV	3 WAY 130MM 50MM 20MM 60W • 5mV/47KΩ >8Ω 6-16Ω	3 WAY 140MM 50MM 20MM 90W • 5mV/47KΩ >8Ω 6-16Ω	140MM 60MM 20MM 70W • 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/IKΩ 40Hz-13kHz±3dB	130MM 60MM 20MM 100W • 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/IKΩ 40Hz-13kHz±3dB	160MM DOME 90W 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/1KΩ 40Hz-13kHz±3dB
BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB				SYSTEM WOOFER MID RANGE TWEETER MAX POWER HANDLING (MUSIC) DETACHABLE NET INPUTS LEVEL/IMPEDANCE: PHONO VIDEO OUTPUT LEVEL/IMPEDANCE: HEADPHONES SPEAKERS (FRONT) VIDEO CASSETTE DECK FREQUENCY RESPONSE: (Dolby Off) TYPE I (Dolby Off) TYPE II (Dolby Off) TYPE IV OVERALL DIMENSIONS (W x H x Dmm): SYSTEM	3 WAY 130MM 50MM 20MM 60W • 5mV/47KΩ >8Ω 6-16Ω	3 WAY 140MM 50MM 20MM 90W • 5mV/47KΩ >8Ω 6-16Ω	140MM 60MM 20MM 70W • 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/IKΩ 40Hz-13kHz±3dB	130MM 60MM 20MM 100W • 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/IKΩ 40Hz-13kHz±3dB 40Hz-14kHz±3dB	160MM DOME 90W 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/1KΩ 40Hz-13kHz±3dB
Ω dB dB dB				SYSTEM WOOFER MID RANGE TWEETER MAX POWER HANDLING (MUSIC) DETACHABLE NET INPUTS LEVEL/IMPEDANCE: PHONO VIDEO OUTPUT LEVEL/IMPEDANCE: HEADPHONES SPEAKERS (FRONT) VIDEO CASSETTE DECK FREQUENCY RESPONSE: (Dolby Off) TYPE I (Dolby Off) TYPE II (Dolby Off) TYPE IV OVERALL DIMENSIONS (W x H x Dmm): SYSTEM SPEAKER	3 WAY 130MM 50MM 20MM 60W • 5mV/47KΩ >8Ω 6-16Ω 60Hz-13kHz±3dB 60Hz-14kHz±3dB	3 WAY 140MM 50MM 20MM 90W • 5mV/47KΩ >8Ω 6-16Ω 60Hz-13kHz±3dB	140MM 60MM 20MM 70W • 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/1KΩ 40Hz-13kHz±3dB 40Hz-14kHz±3dB	130MM 60MM 20MM 100W • 5mV/47KΩ 250mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/I KΩ 40Hz-13kHz±3dB 40Hz-14kHz±3dB	160MM DOME 90W 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/1 KΩ 40Hz-13kHz±3dB 40Hz-14kHz±3dB
B B B B				SYSTEM WOOFER MID RANGE TWEETER MAX POWER HANDLING (MUSIC) DETACHABLE NET INPUTS LEVEL/IMPEDANCE: PHONO VIDEO OUTPUT LEVEL/IMPEDANCE: HEADPHONES SPEAKERS (FRONT) VIDEO CASSETTE DECK FREQUENCY RESPONSE: (Dolby Off) TYPE I (Dolby Off) TYPE IV OVERALL DIMENSIONS (W x H x Dmm): SYSTEM SPEAKER OVERALL WEIGHT (kg):	3 WAY 130MM 50MM 20MM 60W • 5mV/47KΩ >8Ω 6-16Ω 60Hz-13kHz±3dB 60Hz-14kHz±3dB 225 × 285 × 265 175 × 285 × 235	3 WAY 140MM 50MM 20MM 90W • 5mV/47KΩ >8Ω 6-16Ω 60Hz-13kHz±3dB 60Hz-14kHz±3dB	140MM 60MM 20MM 70W • 5mV/47KΩ 250mV/47KΩ 250mV/47KΩ 40Hz-13kHz±3dB 40Hz-14kHz±3dB 225 × 370 × 215 185 × 370 × 225	130MM 60MM 20MM 100VV • 5mV/47KΩ 250mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/1KΩ 40Hz-13kHz±3dB 40Hz-14kHz±3dB 40Hz-15kHz±3dB	160MM DOME 90W 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/1KΩ 40Hz-13kHz±3dB 40Hz-14kHz±3dB 225 x 390 x 280 216 x 380 x 275
99 (2 2 1 1			TECHNICAL SPECIFICATIONS SPEAKERS	SYSTEM WOOFER MID RANGE TWEETER MAX POWER HANDLING (MUSIC) DETACHABLE NET INPUTS LEVEL/IMPEDANCE: PHONO VIDEO OUTPUT LEVEL/IMPEDANCE: HEADPHONES SPEAKERS (FRONT) VIDEO CASSETTE DECK FREQUENCY RESPONSE: (Dolby Off) TYPE I (Dolby Off) TYPE II (Dolby Off) TYPE IV OVERALL DIMENSIONS (W x H x Dmm): SYSTEM SPEAKER	3 WAY 130MM 50MM 20MM 60W • 5mV/47KΩ >8Ω 6-16Ω 60Hz-13kHz±3dB 60Hz-14kHz±3dB	3 WAY 140MM 50MM 20MM 90W • 5mV/47KΩ >8Ω 6-16Ω 60Hz-13kHz±3dB 60Hz-14kHz±3dB	140MM 60MM 20MM 70W • 5mV/47KΩ 250mV/47KΩ 250mV/47KΩ 450mV/IKΩ 440Hz-13kHz±3dB 40Hz-14kHz±3dB 225 x 370 x 315	130MM 60MM 20MM 100W • 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/1KΩ 40Hz-13kHz±3dB 40Hz-14kHz±3dB 40Hz-15kHz±3dB	160MM DOME 90W • 5mV/47KΩ 250mV/47KΩ >8Ω 6-16Ω 450mV/1KΩ 40Hz-13kHz±3dB 40Hz-14kHz±3dB

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